

Work Order ID 134629

Monday, July 13, 2015 1:24:49 PM

134629 OFFSHORE

Page 1

Item ID: D206-628-033 Accept ***N900040100*** Setup Start ***NS1***
 Revision ID: Stop ***NS2***
 Item Name: Heli-Access-Step™ LH - High Gear, Float Compatible 407
 Start Date: 7/13/2015 Start Qty: 2.00 *?
 Required Date: 7/13/2015 Req'd Qty: 2.00 *?
 Cust Item ID:
 Customer:

Reference:

Approvals: Process Plan: ML5 Date: JUL 13 2015 Tooling: _____ Date: _____
 QC: _____ Date: _____ SPC (Y/N): _____ Date: _____
 Run Start ***NR1***
 Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
N/A	Rev N/A								
100	Document Control	0.00							
100	DOCUMENT CONTROL								
DC	Memo	0.00							
Doc.Control -USB or Paperwork	Photocopy blue file and type labels as per PPP D206-628-033 CHG 003								
110	Pick Kit	0.00							
110									
Packaging	Memo	0.00							
Packaging									
120	QC4- 100% Inspect kits for completeness	0.00							
120									
QC	Memo	0.00							
Quality Control									

ML5 1507-17

68-6
27
DAG

JUL 21 2015

② J.A JUL 16 2015

JMP
15/11/10

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS <table style="width:100%; border: none;"> <tr> <td style="border: none;">Skid-tube ☐</td> <td style="border: none;">Cross tube ☐</td> <td style="border: none;">Water Jet ☐</td> <td style="border: none;">Engineering ☐</td> </tr> <tr> <td style="border: none;">Machining ☐</td> <td style="border: none;">Small Fab ☐</td> <td style="border: none;">Prod. Eng. Coord. ☐</td> <td style="border: none;">Quality ☐</td> </tr> <tr> <td style="border: none;">Thermoforming ☐</td> <td style="border: none;">Finishing ☐</td> <td style="border: none;">Rec/Store/Packaging ☐</td> <td style="border: none;">Other ☐</td> </tr> <tr> <td style="border: none;">Large Fab ☐</td> <td style="border: none;">Composite ☐</td> <td style="border: none;">Supplier ☐</td> <td></td> </tr> </table>						Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐																																																																										
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Work Order ID 134629

Monday, July 13, 2015 1:24:50 PM

134629

Page 2

Item ID: D206-628-033

Accept

N900040100Setup Start ***NS1***

Revision ID:

Stop ***NS2***

Item Name: Heli-Access-Step™ LH - High Gear, Float Compatible 407

Start Date: 7/13/2015 Start Qty: 2.00 ***2***

Cust Item ID:

Required Date: 7/13/2015 Req'd Qty: 2.00 ***2***

Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Run Start ***NR1***

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130	Packaging	0.00							
130									
Packaging	Memo	0.00				2X	DAS 28 9-89	NOV 11 2015	
Packaging	Identify and pack for shipping as per PPP D206-628-033 Location: _____ PPP Rev: _____								
140	QC21- Final Inspection - Work Order Release	0.00							
140									
QC	Memo	0.00				ML5		NOV 12 2015	
Quality Control									

ML5 NOV 12 2015

DQA: _____ Date: _____

**WORK ORDER NON-CONFORMANCE / UPDATE**

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date : _____	Step #: _____	QTY Effective : _____		MRB (QS1042) Approval	
Description Work Order Deviation			Disposition		
			Completed By		
			Lead hand / Supervisor Approval Verification		
			QC / QA Coordinator Approval		
Root Cause		FAULT CATEGORY			
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐	Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐	Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐
OTHER : _____					

Picklist Print

Monday, July 13, 2015 1:24:53 PM

Page 1

Work Order ID: 134629

134629

Parent Item: D206-628-033

D206-628-033

Parent Item Name: Heli-Access-Step™ LH - High Gear, Float Compatible 407

Start Date: 7/13/2015

Required Date: 7/13/2015

Start Qty: 2.00

Required Qty: 2.00

Comments: IPP Rev:D As Per Ecn 766 06-01-06 JLM
IPP Rev:E as per ecn 1118 08-02-05 DD verified by:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
AN3C4A		Purchased	No			110	Each	1,457.000	3	6			6
AN3C4A									**	3.4			6

Bolt

Location	Loc Qty	Loc Code
FG	20	
122814	20	
FP001	937	
M132551	937	
ST350	500	
M132317	500	

AN4C14A

Purchased

No

110

Each

51.0000

8

16

AN4C14A

Bolt

**

J.A

~~5102 0 - 7AF~~

JUL 20 2015

Location	Loc Qty	Loc Code
FG	25	
118706	20	
123021	5	
ST344	26	
m130716	13	
m132249	13	

m132767

16

JUL 20 2015

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐																																																													
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D206-628-033

Parent Item Name: Heli-Access-Step™ LH - High Gear, Float Compatible 407

Start Date: 7/13/2015

Required Date: 7/13/2015

Start Qty: 2.00

Required Qty: 2.00

AN4C15A

Purchased No

110

Each

45.0000

4

8

AN4C15A

Bolt

**

J.A



Location

Loc Qty

Loc Code

FG

10

120360

10

ST343

35

M130716

2

M131377

1

M132189

7

M132680

25

1
7

D2731-3

Manufactured No

110

Each

25.0000

4

8

D2731-3

Mounting Lug

**

J.A



Location

Loc Qty

Loc Code

ST520

21

123541

1

132000

20

ST538

4

126661

4

8

D2732

Manufactured No

110

f

481.7895

2

4"

D2732

Rubber Cushion (Sper foot)

**

J.A

JUL 16 2015



Location

Loc Qty

Loc Code

ST412

326.2894736

117118

326.289474

ST639

155.5

117118

155.5

4

8 x D2732-030

DAS
27
9-89

X2

1507-16

8 x D2732-030

Monday, July 13, 2015 1:24:53 PM

Shop Packet Print

Page 2

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Date : _____	Step #: _____	QTY Effective : _____		MRB (QSI042) Approval	
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			Completed By		
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Start Date: 7/13/2015

Required Date: 7/13/2015

Start Qty: 2.00

Required Qty: 2.00

D2842-041

Manufactured No

110

Each

0.0000

1

2

D2842-041

Step Assembly, 206 Float

**

124/131 x 2 sel

DAS
28
9-89

D2844-1

Manufactured No

110

Each

16.0000

2

4

D2844-1

Arm

**

JA

DAS
8
9-89

Location

Loc Qty

Loc Code

ST352

16

132274

16

4

D2844-3

Manufactured No

110

Each

8.0000

1

2

D2844-3

Arm

**

JA

DAS
8
9-89

Location

Loc Qty

Loc Code

ST352

8

25162

5

2957

3

1

1

D3394-041

Manufactured No

110

Each

29.0000

4

8

D3394-041

Lug

**

JA JUL 16 2015

DAS
8
9-89

Location

Loc Qty

Loc Code

ST528

25

129578

5

134002

20

ST538

4

126662

4

8

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date :	Step #:	QTY Effective :		MRB (QSI042) Approval	
Description Work Order Deviation			Disposition		
			Completed By		
			Lead hand / Supervisor Approval Verification		
			QC / QA Coordinator Approval		
Root Cause		FAULT CATEGORY			
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐	Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐	Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐
OTHER :					

Picklist Print

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Page 4

Work Order ID: 134629

134629

Parent Item: D206-628-033

D206-628-033

Parent Item Name: Heli-Access-Step™ LH - High Gear, Float Compatible 407

Start Date: 7/13/2015

Required Date: 7/13/2015

Start Qty: 2.00

Required Qty: 2.00

MS21043-4

Purchased

No

110

Each

856.0000

12

24

MS21043-4

Nut

J.A

DAS
6
9-89

Location

Loc Qty

Loc Code

FG	40	
104603	40	
GA	212	
m128798	212	
ST260a	400	
m132536	400	
ST304	204	
m128818	47	
m131697	9	
m132382	148	

24

NAS1149C0363R

Purchased

No

110

Each

352.0000

3

6

NAS1149C0363R

Washer

J.A

JUL 16 2015

DAS
6
9-89

Location

Loc Qty

Loc Code

FP001	75	
114742	75	
GA	149	
m130673	149	
ST271	128	
122441	3	
m130673	125	

6

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐																																																													
Date :		Step #:		QTY Effective :			MRB (QS1042) Approval																																																										
Description Work Order Deviation				Disposition				Completed By																																																									
								Lead hand / Supervisor Approval Verification																																																									
								QC / QA Coordinator Approval																																																									
Root Cause		FAULT CATEGORY																																																															
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐	Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐	Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐	Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐	Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐	Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐	Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐	Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐	LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐	Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐	Past Expiry Date ☐	Manufacturing Process ☐	OTHER : _____			
Misidentified ☐	Past Due ☐																																																																

Picklist Print

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Page 5

Work Order ID: 134629

134629

Parent Item: D206-628-033

D206-628-033

Parent Item Name: Heli-Access-Step™ LH - High Gear, Float Compatible 407

Start Date: 7/13/2015

Required Date: 7/13/2015

Start Qty: 2.00

Required Qty: 2.00

NAS1149C0432R

Purchased

No

110

Each

2,193.000

24

48

NAS1149C0432R

WASHER

**

J.A



DAS
27
9-89 X2

Location

Loc Qty

Loc Code

GA	1948
m125807	476
m131467	1472
ST271	245
m126221	24
m131452	221

48

NAS1515H3

Purchased

No

110

Each

444.0000

3

6

NAS1515H3

Washer

**

J.A



DAS
27
9-89 X2

Location

Loc Qty

Loc Code

FG	10
123301	10
GA	44
m129521	44
ST266	390
m128635	7
m131697	383

6

NAS1515H4L

Purchased

No

110

Each

106.0000

24

48

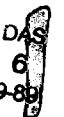
***NAS1515H4I * ***

Washer

**

J.A

JUL 16 2015



DAS
27
9-89 X2

Location

Loc Qty

Loc Code

FG	22
103691	2
m132189	20
ST266	84
m132189	84

48

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Shop Packet Print

Page 5

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date : _____	Step #: _____	QTY Effective : _____		MRB (QS1042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval	
Description Work Order Deviation		Disposition			
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
		OTHER : _____			

JUL 21 2015

DART AEROSPACE USA, INC.

IIN-D206-628

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5.2 D206-628-013/-014/-023/-024/-033/-034 FLOAT COMPATIBLE DART HELI-ACCESS-STEPS™ PARTS LIST

Qty -013	Qty -014	Qty -023	Qty -024	Qty -033	Qty -034	Part Number	Description
X						D206-628-013	206 A/B FLOAT STEP INST. LH
	X					D206-628-014	206 A/B FLOAT STEP INST. RH
		X				D206-628-023	206 L/L1/L3/L4 FLOAT STEP INST. LH
			X			D206-628-024	206 L/L1/L3/L4 FLOAT STEP INST. RH
				X		D206-628-033	407 FLOAT STEP INST. LH
					X	D206-628-034	407 FLOAT STEP INST. RH
				4	4	D2731-3	MOUNTING LUG
4	4	4	4			D2731-7	MOUNTING LUG
8	8	8	8	8	8	D2732-030	RUBBER CUSHION
1						D2841-041	FLOAT STEP ASSEMBLY LH
	1					D2841-042	FLOAT STEP ASSEMBLY RH
		1		1		D2842-041	FLOAT STEP ASSEMBLY LH
			1		1	D2842-042	FLOAT STEP ASSEMBLY RH
		2	2	2	2	D2844-1	ARM
		1	1	1	1	D2844-3	ARM
2	2					D2845	ARM
				4	4	D3394-041	MOUNTING LUG
				4	4	*D3394-1	*LUG
4	4			8	8	*MS35489-93	*GROMMET
4	4	4	4			D3394-043	MOUNTING LUG
4	4	4	4			*D3394-3	*LUG
8	8	8	8			*MS35489-93	*GROMMET
1	1					D4064-041	MOUNTING LUG
1	1					*D4064-1	*LUG
2	2					*MS35489-93	*GROMMET
2	2	3	3	3	3	AN3C4A	BOLT
4	4					AN4C13A	BOLT
4	4	4	4	8	8	AN4C14A	BOLT
4	4	8	8	4	4	AN4C15A	BOLT
2	2	3	3	3	3	NAS1149C0363R	WASHER (OR AN960C10)
16	16					NAS1149C0463R	WASHER (OR AN960C416)
8	8	24	24	24	24	NAS1149C0432R	WASHER (OR AN960C416L)
24	24	24	24	24	24	NAS1515H4L	WASHER
12	12	12	12	12	12	MS21043-4	NUT
2	2	3	3	3	3	NAS1515H3	WASHER

*DENOTES THAT PART IS INCLUDED IN ASSEMBLY ABOVE

5.3 QUICK RELEASE PIP PIN KIT

Qty -011	Part Number	Description
X	DSI9235-011	QUICK RELEASE PIP PIN KIT
4	BLRS-020	QUICK RELEASE PIN

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Revision: **G**
 Date: 11.02.25